

A.A.[#] 120 to A.A.[#] 167.
18th Oct. - Nov. 3^d
1899.

Hy^d 3889 - Hy^d 3933.

D^r 3688 - D^r 3690.

Spellings

Globigerina, ooze
Manganese nodules
Foraminifera
Pteropod ooze

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. *Hy 3884 Pat Log 504*

No. *120 AA* Date *Oct 18 1899.*

Sigsbee Machine. *#1* Reel. Built-up.

Turns *864* Cor. + *64* Depth *928 fms*

Shot or lead *35 pounds.*

Bottom *Glob & Pto. g.*

Bottom temperature *36.5*

No. of thermometer *92449* Cor.

Corrected temperature

Air *79* Surface *80* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5.31.45</i>	<i>55.51.50</i>	0		
<i>32.35</i>	<i>50.40</i>	100		
<i>33.30</i>	<i>49.35</i>	200		
<i>34.25</i>	<i>48.40</i>	300		
<i>35.20</i>	<i>47.40</i>	400		
<i>36.25</i>	<i>46.35</i>	500		
<i>37.40</i>	<i>45.40</i>	600		
<i>38.55</i>	<i>44.35</i>	700		
<i>40.15</i>	<i>43.30</i>	800		
<i>41.20</i>	<i>54.24.0</i>	<i>864</i>		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

16° 21' South 811 2407 — 2	2500	143° 14' West.
	2600	About 2 miles
	2700	567° W. of the
	2800	SW face of
	2900	Jaenqa Atoll.
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	3600 153
	3600	864 89
	3700	2736 64
	3800	864
	3900	928
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1071
 Hatch 3890 Cat Log 74.
 No. A. A. 121 Date 19 Oct 99.
 Sigsbee Machine. #1 Reel. Built up
 Turns 1034 Cor. + 74 Depth 1108 fms.
 Shot or lead 35 #
 Bottom Glob. G. Mang. Br.
 Bottom temperature 36.1
 No. of thermometer 92449 Cor.
 Corrected temperature
 Air 77 Surface 79 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6-24.20	51.50	0		
25.30	50.45	100		
26.35	49.35	200		
27.45	48.35	300		
28.55	47.30	400		
30.10	46.25	500		
31.30	45.15	600		
33 =	44 =	700		
34.30	42.55	800		
36 =	41.45	900		
37.30	40.35	1000		
38 =	39.35	1034		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

16° 25' South	2500	143° 33' W.
OK H.C.H.	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
3600	3300	153
1034	3400	79
2566	3500	74
	3600	1034
1034	3700	1108
1155	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *3891* Date *19th Oct 99*
Staley Machine. *#1* Reel. *Reel up*
 Turns *500* Cor. + *40* Depth *540 fms*
 Shot or lead *35#*
 Bottom *Coral sand Ptn. oz.*
 Bottom temperature *39.1*
 No. of thermometer *92449* Cor.
 Corrected temperature
 Air *79* Surface *79* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8.09.50</i>	<i>8.22.30</i>	0		
<i>10.50</i>	<i>21.25</i>	100		
<i>11.50</i>	<i>20.15</i>	200		
<i>12.50</i>	<i>19.00</i>	300		
<i>13.45</i>	<i>18.50</i>	400		
<i>8.15.00</i>	<i>8.17.45</i>	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

16° 29'	South	2500	143° 41' West.
OK		2600	About 1 mile
H.C.O.		2700	off the north
2		2800	shore of Nakemo.
		2900	
		3000	
		3100	
		3200	
		3300	
3600	153	3400	
500	113	3500	
3100	40	3600	
	1500	3700	
	1740	3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

12753892 Pat. Log 82.6
 No. *AA 123* Date *25 Oct 99*
Sigsbee Machine. # *1* Reel. *Small up*
 Turns *560* Cor. + *43* Depth *603 fms*
 Shot or lead *35 #*
 Bottom *Crav Coral sand*
 Bottom temperature *39°*
 No. of thermometer *92449* Cor.
 Corrected temperature
 Air *81* Surface *80* Drift
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>5.25.40</i>	<i>38.30</i>	0		
<i>26.30</i>	<i>37.35</i>	100		
<i>27.30</i>	<i>36.35</i>	200		
<i>28.30</i>	<i>35.35</i>	300		
<i>29.30</i>	<i>34.30</i>	400		
<i>30.40</i>	<i>33.20</i>	500		
<i>31.30</i>	<i>32.30</i>	<i>560</i>		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

16° 30'	2500	14° 30'
OK	2600	
1105	2700	1 mile off shore
	2800	10-20 miles
	2900	at 12
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
560	3600	
110	3700	
0.40	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Oct Log 8.9

No. *N. 124* Date *15 Oct 94*
Sigsbee Machine. # *1* Reel. *Double*
 Turns *1140* Cor. + *81* Depth *1221 fms.*
 Shot or lead *35 lb.*
 Bottom *Sh. Mang. S.*
 Bottom temperature *36°*
 No. of thermometer *75444* Cor.
 Corrected temperature
 Air *77* Surface *77* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>13.30</i>	<i>42.30</i>	0		
<i>14.30</i>	<i>41.20</i>	100		
<i>15.30</i>	<i>40.20</i>	200		
<i>16.30</i>	<i>39.15</i>	300		
<i>17.35</i>	<i>38.15</i>	400		
<i>18.45</i>	<i>37.00</i>	500		
<i>19.45</i>	<i>36.10</i>	600		
<i>20.45</i>	<i>35.45</i>	700		
<i>21.45</i>	<i>34.55</i>	800		
<i>22.5</i>	<i>34.05</i>	900		
<i>23.55</i>	<i>33.30</i>	1000		
<i>24.30</i>	<i>32.20</i>	1100		
<i>25.05</i>	<i>29.45</i>	<i>1140</i> 1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

412-10' 50" at	2500	412-10' 50" at
11 miles E. & S. of the West Point of Nakama Id.	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
3600	3600	
1140	3700	
2460	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Station P. 7. 9. 25.0

No. 125 Date

Machine. 11 Reel.

Turns 1060 Cor. + 20 Depth 1130 fms

Shot or lead 60 #

Bottom

Bottom temperature 36.2

No. of thermometer 92449 Cor.

Corrected temperature

Air 79 Surface 79 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

34.00	1. 58.50	0		
34.50	57.40	100		
35.40	56.25	200		
36.30	55.20	300		
37.20	54.10	400		
38.15	53.00	500		
39.10	51.45	600		
40.00	50.25	700		
41.10	49.10	800		
42.10	47.50	900		
43.10	46.40	1000		
44.15	45.25	1060		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

16° 51'	South	2500	142° 57' W
OK		2600	
15.5		2700	Midway between
		2800	Nihiru and
		2900	Narutka Is.
		3000	
		3100	
3600	15.3	3200	
1060	2.8	3300	
2540	2.8	3400	
	10.60	3500	
	1135	3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *126* Date *May 10 1881*
 Machine. *Sigsbee* Reel. *1*
 Turns *1154* Cor. + *81* Depth *1235 fms.*
 Shot or lead *35 #*
 Bottom *gy. sh. & sand*
 Bottom temperature *35.9*
 No. of thermometer *92449* Cor.
 Corrected temperature
 Air *79* Surface *79* Drift
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

17° 07' S. 11	2500	142° 47' W. 10
OK	2600	
11.00	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
3000	3500	
11.00	3600	
24.46	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *572*Date *Feb 27 1899*Machine *1*Reel *1*Turns *572* Cor. + *45*Depth *617*Shot or lead *35*Bottom *Coral sand*Bottom temperature *38.40*No. of thermometer *724227*

Cor.

Corrected temperature

Air *79*Surface *79*

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>1</i>	<i>2</i>	<i>06.10</i>	<i>0</i>		
<i>3</i>	<i>15</i>	<i>07.45</i>	<i>100</i>		
<i>5</i>	<i>30</i>	<i>09.20</i>	<i>200</i>		
<i>7</i>	<i>45</i>	<i>10.55</i>	<i>300</i>		
<i>9</i>	<i>00</i>	<i>12.40</i>	<i>400</i>		
<i>11</i>	<i>15</i>	<i>14.25</i>	<i>500</i>		
<i>13</i>	<i>30</i>	<i>16.10</i>	<i>572</i>		
			<i>700</i>		
			<i>800</i>		
			<i>900</i>		
			<i>1000</i>		
			<i>1100</i>		
			<i>1200</i>		
			<i>1300</i>		
			<i>1400</i>		
			<i>1500</i>		
			<i>1600</i>		
			<i>1700</i>		
			<i>1800</i>		
			<i>1900</i>		
			<i>2000</i>		
			<i>2100</i>		
			<i>2200</i>		
			<i>2300</i>		
			<i>2400</i>		

17° 30'	Small	2500	1472-45' 74
		2600	
		2700	1 mile
		2800	1/2 mile
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
3600	155	3500	
512	108	3600	
1028	45	3700	
	572	3800	
	617	3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *U. S. 125* Date *26*
Machine. *Reel.*
 Turns *94* Cor. + *67* Depth *100 fms.*
 Shot or lead *35 lb.*
 Bottom *fin. Org. M. S.*
 Bottom temperature *36.6°*
 No. of thermometer *92449* Cor.
 Corrected temperature
 Air *80* Surface *80* Drift
 Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10 -</i>	<i>11 23.45</i>	0		
<i>10 01.10</i>	<i>21.55</i>	100		
<i>02.10</i>	<i>21 =</i>	200		
<i>03.15</i>	<i>20 =</i>	300		
<i>04.25</i>	<i>19.58</i>	400		
<i>06.35</i>	<i>18.55</i>	500		
<i>07.45</i>	<i>17.55</i>	600		
<i>09.10</i>	<i>16.53</i>	700		
<i>10.40</i>	<i>15.45</i>	800		
<i>12.00</i>	<i>14.40</i>	900		
<i>13 -</i>	<i>13.55</i>	1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

17° 26'	South	2500	10° 30' 20"	West
54		2600		
31° 21'		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
	153	3400		
	54	3500		
3400		3600		
940		3700		
	69	3800		
2660		3900		
	940	4000		
	1039			

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

129

Date

27th Oct 99

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

17° 30'	5.0	2500	142° 4'	2' 20" S.
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
3600	153.	3300		
327	12	3400		
327	26	3500		
	322	3600		
	348	3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Station 349, 009 66.

No. 130 Date 17 Oct 99
Machine #1 Reel. Reel

Turns 741 Cor. + 17 Depth 798 fms

Shot or lead 35 lbs

Bottom Ph. gy. Coral Sand.

Bottom temperature 27.2

No. of thermometer 92449 Cor.

Corrected temperature

Air 81 Surface 80 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.10	16.10	0		
10.20	15.05	100		
10.30	14.05	200		
10.40	13.10	300		
10.50	12.15	400		
11.00	11.25	500		
11.10	10.35	600		
11.20	9.45	700		
11.30	8.55	800		
11.40	8.05	900		
11.50	7.15	1000		
12.00	6.25	1100		
12.10	5.35	1200		
12.20	4.45	1300		
12.30	3.55	1400		
12.40	3.05	1500		
12.50	2.15	1600		
13.00	1.25	1700		
13.10	0.35	1800		
13.20		1900		
13.30		2000		
13.40		2100		
13.50		2200		
14.00		2300		
14.10		2400		

17° 24' 15"	17° 24' 15"	2500	17° 24' 15"
		2600	
		2700	1 1/2 miles West of
		2800	2000 fathoms of
		2900	2000 fathoms of
		3000	
		3100	
		3200	
2600	155	3300	
741	56	3400	
24.150	5	3500	
	741	3600	
	798	3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 3900

No. Date

Sigsbee Machine. Reel

Turns 212 Cor. + 89 Depth 301 fms

Shot or lead 35

Bottom

Bottom temperature 35.5

No. of thermometer 92449 Cor.

Corrected temperature

Air 78 Surface 79 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.25	12.00	0		
1.30	11.55	100		
1.35	11.50	200		
1.40	11.45	300		
1.45	11.40	400		
1.50	11.35	500		
1.55	11.30	600		
2.00	11.25	700		
2.05	11.20	800		
2.10	11.15	900		
2.15	11.10	1000		
2.20	11.05	1100		
2.25	11.00	1200		
2.30	10.55	1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

17° 11' N	50° 14' W	2500	1120 24' 10"
OK		2600	
ACB		2700	1120 24' 10"
		2800	1120 24' 10"
		2900	1120 24' 10"
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
3600	1253	3600	
1253		3700	
2317		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *11, 7-102* Date *17 Oct '79*

Machine. *1* Reel. *1*

Turns *1520* Cor. + *100* Depth *1620 fms*

Shot or lead *60 Lb.*

Bottom *Cl. Br. Mang. S.*

Bottom temperature *35.6°*

No. of thermometer *92448* Cor.

Corrected temperature

Air *75* Surface *77* Drift

Trawl or dredge *S. dredge*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>4-11.1</i>	<i>52.1</i>	0		
<i>21.1</i>	<i>51.5</i>	100		
<i>21.1</i>	<i>51.5</i>	200		
<i>21.50</i>	<i>49.5</i>	300		
<i>21.50</i>	<i>49.5</i>	400		
<i>23.45</i>	<i>47.5</i>	500		
<i>24.45</i>	<i>45.5</i>	600		
<i>25.50</i>	<i>45.37</i>	700		
<i>26.55</i>	<i>44.30</i>	800		
<i>27.55</i>	<i>43.50</i>	900		
<i>29.05</i>		1000		
<i>30.10</i>		1100		
<i>31.10</i>	<i>41.1</i>	1200		
<i>32.30</i>	<i>39.50</i>	1300		
<i>33.45</i>	<i>38.35</i>	1400		
<i>35</i>	<i>37.10</i>	1500		
<i>35.10</i>	<i>37 =</i>	<i>1520</i> 1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

1000	153	2500	1 for 24' - 2500'
500	53	2600	
100	100	2700	Similar to that of
50	150	2800	Narokai Id.
25	200	2900	
	250	3000	
	300	3100	
	350	3200	
	400	3300	
	450	3400	
	500	3500	
	550	3600	
	600	3700	
	650	3800	
	700	3900	
	750	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *133* Date *10.12.94*Machine. *1* Reel. *1*Turns *517* Cor. + *53* Depth *570 fms.*Shot or lead *35 lb.*Bottom *gy. M. S.*Bottom temperature *34.5 37.5*No. of thermometer *92443* Cor.

Corrected temperature

Air *80* Surface *78* DriftTrawl or dredge *8 ft. beam*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7.18.35</i>	<i>14.55</i>	0	<i>7.18.35</i>	<i>59.10</i>
<i>8.25</i>	<i>23.50</i>	100	<i>8.25</i>	<i>13.20</i>
<i>10.40</i>	<i>22.45</i>	200	<i>10.25</i>	<i>39.10</i>
<i>11.45</i>	<i>21.43</i>	300	<i>11.20</i>	<i>35.20</i>
	<i>21.43</i>	400		<i>31.00</i>
<i>14.2</i>	<i>17.45</i>	500	<i>10.25</i>	<i>26.50</i>
<i>15.15</i>	<i>18.30</i>	600	<i>53.05</i>	<i>52.00</i>
<i>16.00</i>		<i>659</i>	<i>54.35</i>	<i>18.00</i>
		700		<i>15.00</i>
		800		<i>12.00</i>
		900	<i>50.10</i>	<i>09.30</i>
		1000		<i>06.10</i>
		1100		<i>03.15</i>
		1200	<i>8.10</i>	<i>00.10</i>
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

15° 05' 10"		2500	142° 25' 00" W. S. T.
CE		2600	
1003		2700	2 miles N. of
		2800	of station
		2900	
		3000	
		3100	
		3200	
6.1	10.0	3300	
27.1	33	3400	
		3500	
		3600	
	2	3700	
	#	3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50	Net fouled on rough bottom and was badly torn; spade taken, only one mussel being recovered.			
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Sledge hauls 8.16 minutes
 " " 8.27.5 just 12 min
 0.1 9.15 hauls in 1.5 min
 10.15 hauls in 1.5 min
 haul in at 9.46.20

51102
No. *1*

Date *28 - Oct 99*

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>11.30</i>	<i>15.33.50</i>
		100		<i>21.30</i>
		200		<i>23.00</i>
		300		<i>30</i>
		400		<i>10</i>
		500	<i>49.50</i>	<i>13.20</i>
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

18° 05'	South	2500	142° 23' N 50'
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1007. *Port* *Lat* *Long*

No. *1113* Date *21 July 1901*
 Machine. *Lucas* Reel. *1113*
 Turns *250* Cor. + *57* Depth *807 fms*
 Shot or lead *35 lb*
 Bottom *Mud, green mud, fine sand*
 Bottom temperature *37.6°*
 No. of thermometer *1113* Cor. *-0.2*
 Corrected temperature *37.4°*
 Air *80* Surface *79* Drift *0*
 Trawl or dredge *Lucas dredge*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
		0	122.50	20.15
		100	26.10	16.05
		200	25.50	12.10
	12.50	300	32.20	08.55
	11.30	400	35.25	05.30
	10.20	500	37.50	02.50
		600	41.20	58. =
	9.10	700	45.20	05. =
	8.00	800	48.50	02.15
		900	52.50	5.10
		1000	57.10	1.10
		1100	51.45	35. =
		1200	55.00	2.10
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

OK 1102 17		2500	
		2600	Apr 3 rd 1917 off Cape Cod at 10 miles
		2700	
		2800	
		2900	
		3000	1 1/2 mi SW of Cape Cod Point
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
	5000 150 2000	3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Pat Log. 105.9.

No. *1155* Date *Aug 10 1881*
Sigsbee Machine. Reel. *1155*
 Turns *278* Cor. + *20* Depth *278 fms*
 Shot or lead *35#*
 Bottom *gy. m. s. sand, Mang. sh.*
 Bottom temperature *48.1*
 No. of thermometer *92449* Cor.
 Corrected temperature
 Air *83* Surface *79* Drift
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

27.10
26.50
26.00
25.10

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
2600	145	3300	
218	132	3400	
342	20	3500	
	218	3600	
	21	3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

<div>1908</div> <div>1530</div> <div>1535</div> <div>1535</div> <div>1535</div> <div>1535</div> <div>1535</div> <div>1535</div> <div>1535</div> <div>1535</div> <div>1535</div> <div>1535</div> <div>1535</div> <div>1535</div> <div>1535</div> <div>1535</div>	<div>1535</div> <div>1535</div> <div>1535</div> <div>1535</div> <div>1535</div> <div>1535</div> <div>1535</div> <div>1535</div> <div>1535</div> <div>1535</div> <div>1535</div> <div>1535</div> <div>1535</div> <div>1535</div> <div>1535</div> <div>1535</div>	2500	1908
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *137* Date *Aug 21 1879*
 Machine. Reel.
 Turns *613* Cor. + *103* Depth *713 fms*
 Shot or lead
 Bottom *S. G. M.*
 Bottom temperature
 No. of thermometer *92449* Cor.
 Corrected temperature
 Air *79* Surface *78* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
<i>23 10</i>	<i>23 20</i>	<i>1610</i>		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

OK
OK

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

1000
1010
1020

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Strong breeze over the
at 6.00 AM. Sailed

Cat Log. 763

No. *A. 2. 138* Date *29 Oct 99*
Sigsbee Machine. #1 Reel. *Built Up.*
 Turns *313* Cor. + *32* Depth *425 fms.*
 Shot or lead *35 lb.*
 Bottom *C. Coral sand*
 Bottom temperature *42*
 No. of thermometer *92449* Cor.
 Corrected temperature
 Air *79* Surface *79* Drift
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE..

DOWN.

UP.

<i>6-17.0</i>	<i>31.35</i>	0
<i>20.30</i>	<i>30.50</i>	100
<i>21.40</i>	<i>29.55</i>	200
<i>22.55</i>	<i>27.40</i>	300
<i>24.10</i>	<i>25.30</i>	<i>313</i> 400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

		2500	100.05
		2600	
		2700	2 m
		2800	1
		2900	Had a fall.
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

362
 393
3217
 153
 121
32
 393
425

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

787

No. 10 Date 10/10/10
 Machine. #4 Reel. Reel #1
 Turns 75 Cor. + 17 Depth 92 fms
 Shot or lead 35 lb
 Bottom Coral sand
 Bottom temperature 37.6
 No. of thermometer 92449 Cor.
 Corrected temperature
 Air 83 Surface 79 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE LOG.	
DOWN.	UP.		DOWN.	UP.
26.10	12.10	0	12.10	
28.30	51.00	100		
30.00	49.55	200		
31.30	48.55	300		
	47.52	400		
	46.40	500		
	45.20	600		
	44.05	700		
	7.43.20	750		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

100 fms
 wire

1000	2500	011000
OK	2600	
9100	2700	2 miles west of
	2800	the NW end of
	2900	the line
	3000	
	3100	
	3200	
3600	3300	
715	3400	
715	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

10-20
" " " " 10-44

Poor haul; few fish found. Net badly torn.

No. *140* Date *29*
 Machine. *1* Reel. *1*
 Turns *1926* Cor. + *116* Depth *2042*
 Shot or lead *60 pound*
 Bottom *fine sand*
 Bottom temperature *35.10*
 No. of thermometer *42449* Cor.
 Corrected temperature
 Air *78* Surface *77* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10-17.50</i>		0		
<i>16.50</i>		100		
<i>15.45</i>		200		
<i>14.40</i>		300		
<i>13.40</i>		400		
<i>12.40</i>		500		
<i>11.40</i>		600		
<i>10.15</i>		700		
<i>09.10</i>		800		
<i>08.10</i>		900		
<i>07.10</i>		1000		
<i>06.05</i>		1100		
<i>05.00</i>		1200		
<i>03.45</i>		1300		
<i>02.45</i>		1400		
<i>10.00.45</i>		1500		
<i>58.45</i>		1600		
<i>58.30</i>		1700		
<i>57.10</i>		1800		
<i>55.40</i>		1900		
<i>55.15</i>		2000		
		2100		
		2200		
		2300		
		2400		

18° 27' South	2500	140° 21' West.
K	2600	
100	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
153	3400	5600
37	3500	226
	3600	1800
116	3700	
1926	3800	
2042	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

377

No. 1441 Date 29 Feb '99.
 Machine #1 Reel. Built up.
 Turns 1395 Cor. + 55 Depth 1490 fms.
 Shot or lead 60 #
 Bottom Gob. mud. Manganese.
 Bottom temperature 35
 No. of thermometer 92449 Cor.
 Corrected temperature
 Air 77 Surface 78 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
36.50	3-11.55	0		
37.50	10.58	100		
39.10	09.56	200		
40.25	08.50	300		
41.35	07.45	400		
42.30	06.40	500		
43.25	05.35	600		
44.25	04.30	700		
46.25	03.25	800		
47.00	02.15	900		
48.45	01.08	1000		
49.45	3 AM.	1100		
50.00	55.00	1200		
52.00	57.35	1300		
53.10	56.00	1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

18° 27'	Small	2500	134° 53'
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	153
		3400	55
		3500	95
		3600	1395
		3700	1490
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Field at 730 p.m. at 1000 fathoms. Numerous stars, many black stars in row.

Stacy *57.7*
 No. *142* Date *36 Oct 99*
 Machine. # *11* Reel. *Crane*
 Turns *1984* Cor. + *119* Depth *2103 fms*
 Shot or lead *35 #*
 Bottom *fine volcanic ash*
 Bottom temperature *32.1*
 No. of thermometer *72447* Cor.
 Corrected temperature
 Air *78* Surface *78* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1-50</i>	<i>2-30</i>	0		
<i>2-10</i>	<i>1-50</i>	100		
<i>3-20</i>	<i>1-40</i>	200		
<i>4-30</i>	<i>1-30</i>	300		
<i>4-50</i>	<i>1-20</i>	400		
<i>5-10</i>	<i>1-10</i>	500		
<i>6-20</i>	<i>1-00</i>	600		
<i>7-30</i>	<i>12-50</i>	700		
<i>8-40</i>	<i>12-40</i>	800		
<i>9-50</i>	<i>12-30</i>	900		
<i>10-10</i>	<i>12-20</i>	1000		
<i>11-20</i>	<i>12-10</i>	1100		
<i>12-30</i>	<i>12-00</i>	1200		
<i>13-40</i>	<i>11-50</i>	1300		
<i>14-50</i>	<i>11-40</i>	1400		
<i>15-10</i>	<i>11-30</i>	1500		
<i>16-20</i>	<i>11-20</i>	1600		
<i>17-30</i>	<i>11-10</i>	1700		
<i>18-40</i>	<i>11-00</i>	1800		
<i>19-50</i>	<i>10-50</i>	1900		
<i>20-10</i>	<i>10-40</i>	2000		
<i>21-20</i>	<i>10-30</i>	2100		
<i>22-30</i>	<i>10-20</i>	2200		
<i>23-40</i>	<i>10-10</i>	2300		
<i>24-50</i>	<i>10-00</i>	2400		

18° 30'	South	2500	13° 30'	West
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
21	15	3400		
10 50	14	3500		
16 16	19	3600		
	13 14	3700		
	21 10	3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Ocean cable wire on reel
 paid out, found to
 be rusted, except from 200
 to 550, where the
 wire is rusty and black.

W L. P. L. 67.7

No. 113 Date 30.1.90

Machine. #1 Reel. 1500

Turns 1275 Cor. + 79 Depth 1354 fms

Shot or lead 35 #

Bottom 2 m. mud

Bottom temperature 35.6

No. of thermometer 2222 Cor.

Corrected temperature

Air 8 Surface 58 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

33 00	34 15	1275		
		1100		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		
33 00	34 15	1275		
31 50	35 10	1200		
30 25	36 50	1100		
29 10	38 50	1000		
27 50	40 40	900		
26 40	42 30	800		
25 30	44 20	700		
24 20	46 10	600		
23 10	48 00	500		
22 00	49 50	400		
21 00	51 40	300		
20 00	53 30	200		
19 00	55 20	100		
18 00	57 10	0		

18° 34'	South	2500	134° 19'	West
		2600		
		2700	About 5 miles	
		2800	West of Aleutian	
		2900	Islands	
		3000		
		3100		
		3200		
		3300		
		3400		
		3500	3600	153
		3600	1275	64
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Sketch

71.9

No. *349* Date *30 Oct 99*
Machine *Reel*
Turns *349* Cor. + *28* Depth *377 fms.*
Shot or lead *35*
Bottom *Crack. Sand.*
Bottom temperature *43°*
No. of thermometer *92449* Cor.
Corrected temperature
Air *80* Surface *79* Drift
Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12-57.10</i>	<i>1-05.40</i>	0		
<i>58 =</i>	<i>04.30</i>	100		
<i>58.57</i>	<i>03.20</i>	200		
<i>59.50</i>	<i>02.15</i>	300		
<i>1-00.40</i>	<i>1-01.30</i>	<i>349</i> 400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

1830'		2500	134° 15'
01		2600	About 1 mile
4 (2)		2700	134° 15'
		2800	Stand S.
		2900	
	153	3000	
	125	3100	
360	28	3200	
347		3300	
325	347	3400	
	377	3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Stairly J. Log 77.1

No. *A.A. 145* Date *30 Nov 1919*
 Machine *#1* Reel *1300 ft*
 Turns *1621* Cor. + *104* Depth *1725 fms*
 Shot or lead *35#*
 Bottom *fine sand*
 Bottom temperature *35.6*
 No. of thermometer *92449* Cor.
 Corrected temperature
 Air *78* Surface *78* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
04.30	4.10	0		
05.00	4.10	100		
06.10	4.10	200		
07.10	4.10	300		
08.10	4.10	400		
09.20	4.10	500		
10.20	4.10	600		
11.20	4.05	700		
12.00	4.00	800		
13.00	3.50	900		
14.45	3.40	1000		
15.45	3.30	1100		
16.45	3.20	1200		
17.10	3.10	1300		
18.20	3.00	1400		
19.10	2.50	1500		
20.45	2.40	1600		
21.15	2.30	1621		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

18° 36'		2500	129° 14'
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
3600	153	3300	
1621	149	3400	
1979	154	3500	
	1621	3600	
	1721	3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

W. W. L. Pat. No. 972

507.

No. 1111 Date 31 July
 Machine. Reel.
 Turns 2215 Cor. + 28 Depth 2243 fms
 Shot or lead 60
 Bottom Red clay, blue
 Bottom temperature 35.1
 No. of thermometer 92449 Cor.
 Corrected temperature
 Air 77 Surface 78 Drift
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

1. 17.20	2. 08.10	0
1. 18.00	2. 07.30	100
1. 18.40	2. 06.50	200
1. 19.20	2. 06.10	300
2. 00.00	2. 05.30	400
2. 00.40	2. 04.50	500
2. 01.20	2. 04.10	600
2. 02.00	2. 03.30	700
2. 02.40	2. 02.50	800
2. 03.20	2. 02.10	900
2. 04.00	2. 01.30	1000
2. 04.40	2. 00.50	1100
2. 05.20	2. 00.10	1200
2. 06.00	1. 59.30	1300
2. 06.40	1. 58.50	1400
2. 07.20	1. 58.10	1500
2. 08.00	1. 57.30	1600
2. 08.40	1. 56.50	1700
2. 09.20	1. 56.10	1800
2. 10.00	1. 55.30	1900
2. 10.40	1. 54.50	2000
2. 11.20	1. 54.10	2100
2. 12.00	1. 53.30	2200
2. 12.40	1. 52.50	2300
2. 13.20	1. 52.10	2400

18° 56'	5.04	2500	10.30 (1)	20.25
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
30.0	5.5	3400		
22.0	2.5	3500		
13.5	12.8	3600		
	22.5	3700		
	23.2	3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *21* Date *31 Jan 1899*
Machine. *H* Reel. *B*
Turns *55* Cor. + *103* Depth *158 fms*
Shot or lead *60*
Bottom *Manq. Mud.*
Bottom temperature *35.2°*
No. of thermometer *92449* Cor.
Corrected temperature
Air *77* Surface *78* Drift
Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>5-30.30</i>	<i>6-13.30</i>	0		
<i>31.15</i>	<i>11.45</i>	100		
<i>33.10</i>	<i>10.40</i>	200		
<i>33.15</i>	<i>09.35</i>	300		
<i>34.50</i>	<i>08.37</i>	400		
<i>36.45</i>	<i>07.27</i>	500		
<i>38.20</i>	<i>06.27</i>	600		
<i>39.45</i>	<i>05.20</i>	700		
<i>41.20</i>	<i>04.10</i>	800		
<i>42.40</i>	<i>6-02.45</i>	900		
<i>44.05</i>	<i>59.28</i>	1000		
<i>45.25</i>	<i>58.55</i>	1100		
<i>46.55</i>	<i>57.45</i>	1200		
<i>48.55</i>	<i>56.40</i>	1300		
<i>50.25</i>	<i>55.35</i>	1400		
<i>51.55</i>	<i>54.15</i>	1500		
<i>46.10</i>	<i>5-53.00</i>	<i>1575</i> 1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

19° 17'		2500	138° 54'	
		2600		
		2700	6 m West (line) of the South end of Hook Island	
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
3600	153	3500		
1555	50	3600		
<u>2115</u>	<u>103</u>	3700		
	1650	3800		
	<u>1650</u>	3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *145* Date *31 Dec 79*
Sigsbee Machine *#1* Reel *Built up*
 Turns *590* Cor. + *46* Depth *636 fms.*
 Shot or lead *35#*
 Bottom *Coar. Sand*
 Bottom temperature *38.4*
 No. of thermometer *7244* Cor.
 Corrected temperature
 Air *79* Surface *78* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7-14 =</i>	<i>28 =</i>	0		
<i>15 =</i>	<i>29.55</i>	100		
<i>15.55</i>	<i>30.55</i>	200		
<i>16.55</i>	<i>31.45</i>	300		
<i>18 =</i>	<i>32.40</i>	400		
<i>19.10</i>	<i>33.30</i>	500		
<i>20 =</i>	<i>34.15</i>	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

19° 16'	South	2500	189° 44'
		2600	
		2700	1 mile off the
H.C.F.		2800	Northwest point
		2900	of Lake Superior
		3000	
		3100	
		3200	
		3300	
3600	153	3400	
590	107	3500	
	<u>46</u>	3600	
3010	590	3700	
	<u>536</u>	3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Station *Pat Log 28.1*

No. *149* Date *31 Oct 99*
Sigsbee Machine *#1* Reel *Swilt up*

Turns *800* Cor. + *60* Depth *860 fms.*

Shot or lead *35#*

Bottom *Plot. Mang. Br.*

Bottom temperature *37°*

No. of thermometer *93449* Cor.

Corrected temperature

Air *82* Surface *78* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12 45 =</i>	<i>04.40</i>	0		
<i>46.02</i>	<i>03.30</i>	100		
<i>47 =</i>	<i>02.25</i>	200		
<i>48.5</i>	<i>01.20</i>	300		
<i>49.10</i>	<i>1: 00.15</i>	400		
<i>50.20</i>	<i>59.05</i>	500		
<i>51.30</i>	<i>57.50</i>	600		
<i>52.45</i>	<i>56.30</i>	700		
<i>53.50</i>	<i>12: 55.10</i>	800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

<div> <div>10° 20' N</div> <div>175° 46' E</div> <div> <div>3600</div> <div>800</div> <div>2800</div> </div> </div>	<div> <div>153</div> <div>93</div> <div>60</div> <div>800</div> <div>860</div> </div>	2500	173° 46'
		2600	
		2700	
		2800	
		2900	stake.
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *1150* Date *31 Dec 1899*

Machine. Reel.

Turns *450* Cor. + *35* Depth *485* fmsShot or lead *35#*Bottom *fine coral sand Ph.*Bottom temperature *41.0 F*No. of thermometer *92449* Cor.

Corrected temperature

Air *79* Surface *79* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3.12.26</i>	<i>3.12.26</i>	0		
<i>3.12.30</i>	<i>3.12.30</i>	100		
<i>3.12.34</i>	<i>3.12.34</i>	200		
<i>3.12.38</i>	<i>3.12.38</i>	300		
<i>3.12.42</i>	<i>3.12.42</i>	400		
<i>3.12.46</i>	<i>3.12.46</i>	<i>450</i>		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

1102.50	2500	12140
CL	2600	
1103.00	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
3000	3600	
1103.50	3700	
1104.00	3800	
1104.50	3900	
480	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

N. W. L. Cat Log 36.3.

No. 151 Date 31 Oct 90

Machine. Reel.

Turns 79 Cor. + 111 Depth 1907 fms

Shot or lead 35#

Bottom

Bottom temperature 35°

No. of thermometer 72449 Cor.

Corrected temperature

Air 79 Surface 79 Drift

Trawl or dredge

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

6.22.30	12. -	0		
2.25.00	10.00	100		
2.27.30	9.50	200		
2.30.00	9.40	300		
2.32.30	9.30	400		
2.35.00	9.20	500		
2.37.30	9.10	600		
2.40.00	9.00	700		
2.42.30	8.50	800		
2.45.00	8.40	900		
2.47.30	8.30	1000		
3.00.00	8.15	1100		
3.02.30	8.00	1200		
3.05.00	7.50	1300		
3.07.30	7.40	1400		
3.10.00	7.30	1500		
3.12.30	7.20	1600		
3.15.00	7.10	1700		
3.17.30	7.00	1800		
3.20.00	6.50	1900		
3.22.30	6.40	2000		
3.25.00	6.30	2100		
3.27.30	6.20	2200		
3.30.00	6.10	2300		
3.32.30	6.00	2400		

2500		
2600		
2700		
2800		
2900		
3000		
3100		
3200		
3300		
3400		
3500		
3600	17 45	42
3700	1504	111
3800	17 45	
3900	17 45	
4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Pat Log. 643

No. *152* Date *31 May 74*
 Machine. # *1* Reel. *Built Up*
 Turns *2235* Cor. + *127* Depth *2335 fms.*
 Shot or lead *60#*
 Bottom *Red clay, gl.*
 Bottom temperature *35.1°*
 No. of thermometer *92444* Cor.
 Corrected temperature
 Air *77* Surface *76* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>35.50</i>	<i>11.25.15</i>	0		
<i>36.40</i>	<i>27.30</i>	100		
<i>37.30</i>	<i>26.30</i>	200		
<i>38.20</i>	<i>25.30</i>	300		
<i>39.15</i>	<i>24.39</i>	400		
<i>40.10</i>	<i>23.35</i>	500		
<i>41.00</i>	<i>22.30</i>	600		
<i>41.50</i>	<i>21.10</i>	700		
<i>42.45</i>	<i>19.30</i>	800		
<i>43.40</i>	<i>17.50</i>	900		
<i>44.35</i>	<i>16.35</i>	1000		
<i>45.30</i>	<i>15.20</i>	1100		
<i>46.25</i>	<i>14.00</i>	1200		
<i>47.20</i>	<i>12.40</i>	1300		
<i>48.15</i>	<i>11.20</i>	1400		
<i>49.10</i>	<i>10.00</i>	1500		
<i>50.05</i>	<i>08.50</i>	1600		
<i>51.00</i>	<i>07.35</i>	1700		
<i>51.55</i>	<i>06.15</i>	1800		
<i>52.50</i>	<i>04.55</i>	1900		
<i>53.45</i>	<i>03.30</i>	2000		
<i>54.40</i>	<i>02.00</i>	2100		
<i>55.35</i>	<i>11.00.10</i>	2200		
<i>56.30</i>	<i>11.00.00</i>	2200		
<i>57.25</i>		2300		
<i>58.20</i>		2400		

	2500	1871	
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		153
	3500	3600	26
	3600	2208	
	3700	1392	127
	3800		2205
	3900		2830
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				.
50				.
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

153

Date

Machine.

Reel.

Turns

1399

Cor. +

58

Depth

1494 fms

Shot or lead

60 lb

Bottom

gy. sb.

Bottom temperature

35.4

No. of thermometer

92449

Cor.

Corrected temperature

Air

77

Surface

77

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

5:00.00	5:26.50
5:05.00	34.20
5:10.00	33.45
5:15.00	32.25
5:20.00	31.30
5:25.00	30.10
5:30.00	29.00
5:35.00	28.10
5:40.00	27.15
5:45.00	26.15
5:50.00	25.40
5:55.00	24.40
6:00.00	23.40
6:05.00	22.40
6:10.00	21.20
6:15.00	20.15

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
1399	58	3400	
2201	9	3500	
	1399	3600	
	1494	3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

8.22	24.10	0
30.10	25.10	100
31.00	26.00	200
32.00	26.50	300
33.00	27.40	400
34.00	28.30	500
35.00	29.20	600
36.00	30.10	700
37.00	31.00	800
38.00	31.50	900
39.00	32.40	1000
40.00	33.30	1100
41.00	34.20	1200
42.00	35.10	1300
43.00	36.00	1400
44.00	36.50	1500
45.00	37.40	1600
46.00	38.30	1700
47.00	39.20	1800
48.00	40.10	1900
49.00	41.00	2000
50.00	41.50	2100
51.00	42.40	2200
52.00	43.30	2300
53.00	44.20	2400

19° 52'	South	2500	140° 16'
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
3600	153	3500	
2159		3600	
1441	125	3700	
	2159	3800	
	2284	3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *155* Date *1 Nov. 77*
 Machine *1* Reel *1*
 Turns *2262* Cor. + *129* Depth *2391 fms.*
 Shot or lead *60#*
 Bottom *M. S. G. M. S. C.*
 Bottom temperature *35.0*
 No. of thermometer *22449* Cor.
 Corrected temperature
 Air *80* Surface *75* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
21.50	4.10	0		
22.35	4.10	100		
23.20	10.10	200		
24.10	09.10	300		
25.00	08.10	400		
26.00	07.10	500		
27.00	06.10	600		
28.00	05.10	700		
29.00	04.10	800		
30.00	03.10	900		
31.30	01.50	1000		
32.35	4.10	1100		
33.40	59.55	1200		
34.45	58.55	1300		
35.50	57.50	1400		
37.00	56.40	1500		
38.10	55.35	1600		
39.20	54.25	1700		
40.35	53.10	1800		
41.50	51.55	1900		
43.10	50.40	2000		
44.30	49.20	2100		
45.55	48.00	2200		
47.00	47.10	2262		
		2400		

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400	3600	153
	3500	2262	24
	3600	1538	129
	3700		2262
	3800		2391
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

W. W. L. Pat Log 213

807.

No. 1156 Date 2 Nov 88

Machine. Reel.

Turns 2325 Cor. + 132 Depth 2467

Shot or lead 60#

Bottom

Bottom temperature 35°

No. of thermometer 92449 Cor.

Corrected temperature

Air 76 Surface 77 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
32	1-2145	0		
33	2345	100		
34	2545	200		
35	2745	300		
36	2945	400		
37	3145	500		
38	3345	600		
39	3545	700		
40	3745	800		
41	3945	900		
42	4145	1000		
43	4345	1100		
44	4545	1200		
45	4745	1300		
46	4945	1400		
47	5145	1500		
48	5345	1600		
49	5545	1700		
50	5745	1800		
51	5945	1900		
52	6145	2000		
53	6345	2100		
54	6545	2200		
55	6745	2300		
55-30	5710	2335		

20° 51'		2500	142° 00'
64		2600	
31.59		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
3600	1.03	3400	
2335	21	3500	
1265	1.52	3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Prot Log 76.7

No. 157 Date 2 Nov. 97
Machine. Reel.

Turns 2188 Cor. + 127 Depth 2315 fms.

Shot or lead 35

Bottom Red Clay Glau

Bottom temperature

No. of thermometer 72017 Cor.

Corrected temperature

Air 85 Surface 78 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

55.15	49 =	0
56.10	47.5	100
56.55	46.5	200
57.50	45.10	300
58.35	44.25	400
59.30	43.25	500
1- 00.50	42.05	600
02 =	41.25	700
03.10	40.15	800
04.30	39.10	900
05.35	38.10	1000
06.50	37 =	1100
08.15	35.55	1200
09.35	34.45	1300
10.50	33.40	1400
12.15	32.30	1500
13.40	31.20	1600
15.10	30.10	1700
16.45	29 =	1800
18.20	27.55	1900
19.55	26.45	2000
21.30	25.30	2100
23 =	24.05	2200
		2300
		2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
3600	3600	153
2118	3700	26
14	3800	121
	3900	21
	4000	12

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Station Cat Log 82.6

No. *157* Date *2 Nov 99*
 Machine. Reel.
 Turns *603* Cor. + *46* Depth *649 fms.*
 Shot or lead *35 #*
 Bottom *Co. sh. sand* *Burkin*
 Bottom temperature *39°* *Shells*
 No. of thermometer Cor.
 Corrected temperature
 Air *81* Surface *77* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>36.25</i>	<i>44.22</i>	0		
<i>37.30</i>	<i>45.20</i>	100		
<i>38.30</i>	<i>46.20</i>	200		
<i>39.25</i>	<i>46.10</i>	300		
<i>40.25</i>	<i>45 =</i>	400		
<i>41.30</i>	<i>43.50</i>	500		
<i>42.40</i>	<i>43.45</i>	<i>603</i>		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

20° 43'	5000	143° 00'
61C	2600	
110° 3'	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
3600	3400	
603	3500	
<u>2997</u>	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

83.6

No. 154 Date Nov. 11
 Machine. Reel.
 Turns 683 Cor. + 53 Depth 736 fms.
 Shot or lead 60#
 Bottom Coral sand & broken shells
 Bottom temperature 72
 No. of thermometer Cor.
 Corrected temperature
 Air 80 Surface 77 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11- 48.05	02.25	0		
49.45	01.20	100		
50.25	12- 00.15	200		
51.05	59.20	300		
51.55	58.25	400		
52.40	57.25	500		
53.30	56.30	600		
54 =	55.30	683		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500	143° 03' West	
2600		
2700	1' WNW of	
2800	Subsidiary	
2900		
3000		
3100		
3200		
3300		
3400		
3500		
3600		
3700		
3800		
3900		
4000		

3600 150
 683 100
 2917 53
 683
 736

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Stacy. P. Aug. 88. 5

No. 160 Date 2 Nov. 70
 Machine. Reel. 1110
 Turns 1570 Cor. + 99 Depth 16.7 (1110)
 Shot or lead 60 # 9 lb
 Bottom Coral, Sand, Muddy, Green
 Bottom temperature 65.5
 No. of thermometer 92449 Cor.
 Corrected temperature
 Air 80 Surface 78 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.48.50	12.45.45	0		
50.15	11.50	100		
50.45	11.40	200		
51.30	11.20	300		
52.15	11.35	400		
53.00	11.50	500		
53.55	16.25	600		
54.45	15.15	700		
55.40	14.05	800		
56.30	12.55	900		
57.40	11.50	1000		
58.40	10.25	1100		
59.15	09.55	1200		
1.00.40	09.55	1300		
01.45	08.50	1400		
02.55	1.05.10	1500		
1.03.15		1570		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

20° 40'		2500	143° 09'
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
3000	153	3400	
1070	54	3500	
2000	00	3600	
	157 0	3700	
	1609	3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Station. *507* *92.3*
 No. *A. A 161* Date *22 Nov 01*
Sigsbee Machine. *7* Reel.
 Turns *574* Cor. + *42* Depth *574 (m)*
 Shot or lead *35 lb*
 Bottom *cr Gorg. Sand, Mang. Fair*
 Bottom temperature *54° 1 ft. 5 ft. 10 ft. 15 ft.*
 No. of thermometer *92411* Cor. *1900*
 Corrected temperature
 Air *80* Surface *78* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11.20</i>	<i>12.20</i>	0		
<i>11.50</i>	<i>12.20</i>	100		
<i>12.20</i>	<i>12.45</i>	200		
<i>12.40</i>	<i>13.10</i>	300		
<i>13.40</i>	<i>13.40</i>	400		
<i>14.00</i>	<i>17.00</i>	500		
<i>15.15</i>	<i>16.30</i>	<i>574</i>		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Staitley 1894

No. 162 Date 2nd Nov. '99

Machine #7 Reel. 13

Turns 612 Cor. + 47 Depth 659 fms

Shot or lead 35 #

Bottom Gr. S. M. Bk. Sh.

Bottom temperature

No. of thermometer 721147 Cor.

Corrected temperature

Air 79 Surface 78 Drift

Trawl or dredge

SOOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

3.15.40	2.29.20	0		
16.41	28.15	100		
17.38	27.10	200		
18.30	26.00	300		
19.30	25.00	400		
20.30	23.55	500		
21.40	2.27.40	600		
3.21.00	3.27.40	612		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

21° 11'		2500	1430 18'
3125		2600	
		2700	1' 00" of
		2800	clear - 1000 fms
		2900	
		3000	
		3100	
		3200	
3600	103	3300	
612	106	3400	
7455	47	3500	
	1012	3600	
	6079	3700	518
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *00163* Date *2 Nov*

Machine. *1* Reel. *Small*

Turns *100* Cor. + *110* Depth *1800*

Shot or lead *60*

Bottom *Glob oz.*

Bottom temperature *35.2*

No. of thermometer *92449* Cor.

Corrected temperature

Air *81* Surface *78* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1055</i>		0		
		100		
	<i>1055</i>	200		
	<i>1055</i>	300		
	<i>1055</i>	400		
	<i>1055</i>	500		
	<i>1055</i>	600		
	<i>1055</i>	700		
	<i>1055</i>	800		
	<i>1055</i>	900		
	<i>1055</i>	1000		
	<i>1055</i>	1100		
	<i>1055</i>	1200		
	<i>1055</i>	1300		
	<i>1055</i>	1400		
	<i>1055</i>	1500		
	<i>1055</i>	1600		
<i>4035</i>	<i>4035</i>	1700		
<i>4145</i>	<i>4145</i>	1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

20° 34'		2500	143° 23'
OK		2600	
H.C.		2700	Midway between
		2800	Chas. Thompson &
		2900	Chas. Thompson
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
1100	43	3700	
1820	110	3800	
	150	3900	
	180	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6.14.20	2.25.00	0	
15.15	2.25.10	100	
15.55	2.25.20	200	
16.55	12.55	300	
17.55	12.55	400	
18.55	12.55	426	
		500	
		600	
		700	
		800	
		900	
		1000	
		1100	
		1200	
		1300	
		1400	
		1500	
		1600	
		1700	
		1800	
		1900	
		2000	
		2100	
		2200	
		2300	
		2400	

10° 24'		2500	143° 24'
11°		2600	
11° 51'		2700	249' 33" of
		2800	thin - medium c.
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

M. W. L. Lat. Long. 8.8

No. *1111* Date *Feb 20*
1111 Machine. # *1* Reel. *1*
 Turns *375* Cor. + *30* Depth *405*
 Shot or lead *35*
 Bottom *Pr. G. M. - Mang. sh.*
 Bottom temperature *42.50*
 No. of thermometer *92449* Cor.
 Corrected temperature
 Air *79* Surface *77* Drift
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>04 57</i>	<i>11 32</i>	0
<i>05 25</i>	<i>11 25</i>	100
<i>06 00</i>	<i>11 20</i>	200
<i>06 55</i>	<i>10 55</i>	300
<i>07 50</i>	<i>09 40</i>	<i>375</i>
		400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

1-27'		2500	143°32'
		2600	
OK		2700	1/2' N of
11 (1, 0)		2800	true - true
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
500	53	3600	
3-2-2	123	3700	
3-2-2	20	3800	
		3900	
	5	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *A. A. 166* Date *2 Nov. '99*
Sigsbee Machine. #1 Reel. Built Up.
 Turns *2140* Cor. + *125* Depth *2265 fms.*
 Shot or lead *60 #*
 Bottom *Red clay Mang*
 Bottom temperature *34.8°*
 No. of thermometer *92449* Cor.
 Corrected temperature
 Air *78* Surface *77* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10 45.30</i>	<i>34.10</i>	0		
<i>46.25</i>	<i>33 =</i>	100		
<i>47.10</i>	<i>32.05</i>	200		
<i>47.55</i>	<i>31.05</i>	300		
<i>48.45</i>	<i>30 =</i>	400		
<i>49.35</i>	<i>29 =</i>	500		
<i>50.30</i>	<i>28 =</i>	600		
<i>51.30</i>	<i>27.05</i>	700		
<i>52.25</i>	<i>26.05</i>	800		
<i>53.25</i>	<i>24.55</i>	900		
<i>54.20</i>	<i>23.45</i>	1000		
<i>55.20</i>	<i>22.25</i>	1100		
<i>56.25</i>	<i>21.05</i>	1200		
<i>57.25</i>	<i>19.45</i>	1300		
<i>58.30</i>	<i>18.30</i>	1400		
<i>59.40</i>	<i>17.25</i>	1500		
<i>11 00.45</i>	<i>16.20</i>	1600		
<i>01.50</i>	<i>15.05</i>	1700		
<i>03 =</i>	<i>13.55</i>	1800		
<i>04.10</i>	<i>12.40</i>	1900		
<i>05.20</i>	<i>11.20</i>	2000		
<i>06.35</i>	<i>10 =</i>	2100		
<i>07 =</i>	<i>09.30</i>	2140		
		2200		
		2300		
		2400		

20° 15' South	2500	144° 00' West	
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400	3600	153
	3500	2140	28
3600 153	3600	1460	125
	3700		2140
	3800		2265
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Stacey P. Log. *63.8.*
 No. *4167* Date *3rd Nov 99*
Sigsbee Machine. # *1* Reel. *Reel up*
 Turns *2390* Cor. + *134* Depth *2524 fm*
 Shot or lead *60#*
 Bottom *Very soft Red clay.*
 Bottom temperature *34.9*
 No. of thermometer *92449* Cor.
 Corrected temperature
 Air *77* Surface *78* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3.54.30</i>	<i>4-48.40</i>	0		
<i>55.30</i>	<i>47.30</i>	100		
<i>56.10</i>	<i>46.25</i>	200		
<i>56.55</i>	<i>45.20</i>	300		
<i>57.40</i>	<i>44.15</i>	400		
<i>58.30</i>	<i>43.10</i>	500		
<i>59.20</i>	<i>42.00</i>	600		
<i>4.00.20</i>	<i>40.00</i>	700		
<i>01.10</i>	<i>39.55</i>	800		
<i>02.05</i>	<i>38.45</i>	900		
<i>03.00</i>	<i>37.45</i>	1000		
<i>04.00</i>	<i>36.40</i>	1100		
<i>05.00</i>	<i>35.35</i>	1200		
<i>06.05</i>	<i>34.30</i>	1300		
<i>07.05</i>	<i>33.20</i>	1400		
<i>08.15</i>	<i>32.15</i>	1500		
<i>09.20</i>	<i>31.05</i>	1600		
<i>10.30</i>	<i>29.50</i>	1700		
<i>11.35</i>	<i>28.40</i>	1800		
<i>13.45</i>	<i>27.30</i>	1900		
<i>14.00</i>	<i>26.20</i>	2000		
<i>15.15</i>	<i>25.05</i>	2100		
<i>16.30</i>	<i>23.50</i>	2200		
<i>17.50</i>	<i>22.30</i>	2300		
<i>26.10</i>	<i>20.30</i>	<i>2390</i>		

20° 02' South 144° 28' West

OK
~~HO~~
3

$$\begin{array}{r} 3600 \\ 2390 \\ \hline 1210 \end{array} \quad \begin{array}{r} 153 \\ 19 \\ \hline 134 \\ 2390 \\ \hline 2524 \end{array}$$